



OSF HEALTHCARE

ANNUAL  
RESEARCH  
SYMPOSIUM

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*Protecting our Patients: Protecting Ourselves*

**Wednesday, May 15, 2024**

Jump Trading Simulation & Education Center  
1306 N. Berkeley Ave., Peoria, Illinois

**Keynote speakers - Stephen Hippler, MD, FACP and Laurence Weinzimmer, Ph.D.**

*“Discovering Fortitude: New Insight into Burnout, Engagement and Intent to Leave”*

**Target Audience:** Physician and non-physician scientists/investigators,  
research support personnel and those interested in research

**Purpose/Objectives:** Describe and explain processes and strategies for protecting human subjects through examples of responsible conduct of research. Explore use of big data for research within our research enterprise as well as strategies to implement our research findings. Provide professional development for members of research teams, including novice and seasoned investigators.



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# ANNUAL RESEARCH SYMPOSIUM AGENDA

## *Protecting our Patients: Protecting Ourselves*

- 7:30 a.m.** Registration begins
- 7:45 a.m.** Posters staffed for viewing, discussion and collaboration
- 9:15 a.m.** Welcome/Prayer  
**Mike Cruz, MD**, *chief operating officer, OSF HealthCare*  
**Stephanie Madrigal, MBA, CHRC, CCRP**, *director, Research Administration, OSF HealthCare*
- Opening Address  
**James McGee, MD**, *founding director, OSF HealthCare Cancer Institute*
- 9:30 a.m.** Selected platform presentations
- 10:30 a.m.** Discovering Fortitude: New Insight into Burnout, Engagement and Intent to Leave  
*Keynote Speakers:*  
**Stephen Hippler, MD, FACP**, *retired health care executive and researcher*
- Laurence Weinzimmer PhD, MBA**, *Caterpillar Inc.*,  
*Endowed Professor of Strategic Management, Bradley University*
- 11:30 a.m.** Awards Ceremony
- 11:45 a.m.** Closing comments/Adjourn morning session
- Noon** Lunch
- 12:45 p.m.** Towards Optimizing Informed Consent: Proposed Guidance on Key Information and Facilitating Understanding  
**Greg Manship, Dbe, CIP** – *manager, Human Subject Protection Program, OSF HealthCare*  
*Facilitator: Stephanie Madrigal, MBA, CHRC, CCRP, director, Research Administration, OSF HealthCare*
- 1:45 p.m.** Strategies for Developing Fortitude Among Research Professionals  
**Stephen Hippler, MD, FACP**, *retired health care executive and researcher*
- Laurence Weinzimmer PhD, MBA**, *Caterpillar Inc.*,  
*Endowed Professor of Strategic Management, Bradley University*
- 2:45 p.m.** Stretching Out without Stretching Thin: Professional and Personal Development for Research Professionals  
**Jessica Thurmond, ACRP-CP**, *program director, WCG*
- 3:30 p.m.** Closing comments/Adjourn



## ABOUT THE KEYNOTE SPEAKERS



### Stephen Hippler, MD, FACP

Dr. Hippler recently retired from his role as chief clinical officer at OSF HealthCare. In this role he was the accountable executive overseeing the employed physician and provider enterprise and ambulatory care practices within OSF HealthCare. During this time, he developed a passion for creating a thriving culture and building leaders to advance the quadruple aim.

In addition to his many leadership roles, he has delivered many CME presentations, keynote addresses and been the principal investigator for over 50 clinical trials related to diabetes, hyperlipidemia and hypertension. He has also coauthored seven peer reviewed articles and a book chapter on Comparative Effectiveness Research to Promote Adherence to Clinical Practice Guidelines.

In retirement he remains an active researcher on the topic of physician burnout, engagement and retention. Dr. Hippler earned his medical degree from the University of Illinois College of Medicine Peoria and completed his residency in internal medicine at the Mayo Clinic. He is board certified in internal medicine, is an ICF certified leadership coach and currently serves as a clinical associate professor of internal medicine at the University of Illinois College of Medicine Peoria.



## ABOUT THE KEYNOTE SPEAKERS



### Laurence Weinzimmer, Ph.D.

Dr. Weinzimmer is the Caterpillar Inc. Endowed Professor of Management at Bradley University. He is a sought-after business advisor to numerous *Fortune* 100 companies and author of four books including two best sellers. His most recent book was ranked No. 1 on the Barnes & Noble Best Sellers List, No. 3 on the *Wall Street Journal* Best Sellers List, and was rated the top leadership book in North America. *Forbes* released its 15 Best Leadership Books You Must Read and Dr. Weinzimmer's book was ranked at No. 8.

Dr. Weinzimmer has frequently been featured in leading business outlets, including *Fortune*, *the New York Times*, *Executive Excellence* and *Fast Company*, and has appeared on leading national news networks, including FNN, Fox Business, CNBC, CNN, ABC, NBC Nightly News and most recently on CBS This Morning in 2020. Dr. Weinzimmer is a heavily published researcher. His research appears in over 15 languages, and he has been widely honored for his research accomplishments in leadership and strategy. In 2002, Avery Dennison named Dr. Weinzimmer and Peter Drucker as the top strategy innovators in the United States.

# PLATFORM PRESENTATIONS

9:30 a.m.

## Platform Presentation #1 (P11)

Title: Unique Approach to Febrile Neutropenia Management in Pediatric Oncology Patients

Presented by: *Diane Chien, MD*

9:45 a.m.

## Platform Presentation #2 (P18)

Title: Decreasing Medical Jargon on Family-Centered Rounds through Educational Interventions to Improve Patient & Family Understanding

Presented by: *Rawan Musaitif, MD*

10 a.m.

## Platform Presentation #3 (P21)

Title: Minimum Bactericidal Exposure of 4% Chlorhexidine Gluconate (CHG) Liquid Antiseptic Soap

Presented by: *John Farrell, MD*

10:15 a.m.

## Platform Presentation #4 (P16)

Title: A Novel Socioeconomic Status Metric as a Predictor of Access to Rehabilitation Service

Presented by: *Barbara Mera, MS*



# POSTER PRESENTATIONS – QUANTITATIVE RESEARCH

**P01:** Impact of Virtual Reality Simulation for Teaching High Risk Emergent Situations in Women's Health

**Authors:** *Tammy Schnake MSN, RN, NPD-BC; Shana Freehill DNP, RN, NPD-BC*

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**P02:** Research Residency

**Authors:** *Rebecca Parizek, PhD, RN, CNL; Christina Garcia, PhD, RN, NE-BC*

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**P03:** A Retrospective Analysis of Anti-Diabetic Medication Regimens in Kidney and Heart Transplant Patients

**Authors:** *Gabbie Senica, PharmD; Morgan Ridout, PharmD, MBA, BCCCP; Danny Mai, PharmD, BCCCP*

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**P04:** Cardiac Radiation Improves Ventricular Function in Mice and Humans with Cardiomyopathy

**Authors:** *Lauren N. Pedersen, PhD; Carla Valenzuela Ripoll MD; Yoonje Cho BS; et. Al Ali Javaheri, MD, PhD*

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**P05:** Effect of an Insulin Basal-Bolus Order Set Update on Insulin Prescribing Practices in General Internal Medicine Patients with Type 2 Diabetes Mellitus

**Authors:** *Brandon Olson, PharmD; Jody Mallicoat, PharmD, BCPS; Nathan Grimes, PharmD, BCPS; Taylor Walter, MS, RN; Mark Shadden, MA*

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**P06:** Stayin' Alive: A Retrospective Review of Patients Presenting for Medical Attention at Large Scale Music Festivals

**Authors:** *Kimberly Norteman, BS; Yanzhi Wang, PhD; John Hafner, MD; Matthew Jackson, MD*

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**P07:** Real-time Monitoring of Endotracheal Tube Movement During Kangaroo Care

**Authors:** *Grace Tu, BS; Khalid Al-Katranji, MD; Ashley Fischer, MD*

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**P08:** Quick Tip Profile Card for Autism Spectrum Disorder

**Authors:** *Tina Hudzinski-Newell BSN, RN; Andrea Doughty PhD; Michelle Brady, DNP, FNP-BC; Rebecca Parizek PhD, MSN, RN, CNL; Miaaake Driscoll, MSN, RN, CPN*

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**P09:** A Pilot Study to Investigate User-Centric Technology for Radiological Viewing to Offset Fatigue

**Authors:** *Grace Borkowski, MS; Dan Henley, MA; AJ Pool, MPH, CPH; Andy Tu, MD; Sean Creeden, MD; Jane Maksimovic, MD; Claudia Mello-Thoms, PhD; Inki Kim, PhD; Michelle Rusch, PhD*

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**P10:** Efficacy of VR as an Education Intervention

**Authors:** *Shana Freehill, DNP, RN, NPD-BC; Jean Greiner, MSN, RN-BC, CNE; Kim Cooley, MSN, RN*

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**P11:** Unique Approach to Febrile Neutropenia Management in Pediatric Oncology Patients

**Authors:** *Diane Chien, MD; Anjani Maley, BS; Brinda Mehta MD; Mary Beth Ross, MD; Kay Saving, MD; Prerna Kumar, MD; Susan Gaitros, APN; Diana Simmons, APN; Beth Speckhart, APN*

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**P12:** Assessing the Efficacy of the PLASMIC Score for Early Detection of Severe ADAMTS-13 Deficiency in Thrombotic Thrombocytopenic Purpura: A Single-Institution External Validation Study

**Authors:** *Rishabh Singh, MD; Simon Bechara, MD; Keerthana Sivakolundu, MD; Michael D. Tarantino, MD; Jonathan C. Roberts, MD; Manasa Kandula, MD*

## POSTER PRESENTATIONS – QUANTITATIVE RESEARCH

- P13:** Decoding Langerhans Cell Histiocytosis Variability: A Retrospective Journey Through 56 Cases at a Single Center  
**Authors:** *Rishabh Singh, MD; Christina Carfagnini, MD; Simon Bechara, MD; Keerthana Sivakolundu, MD; Manasa Kandula, MD*
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- P14:** Secondary Hemophagocytic Lymphohistiocytosis in Adults: A Single Institution Case Series  
**Authors:** *Rishabh Singh, MD; Tulika Chatterjee, MD; Manasa Kandula, MD*
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- P15:** A Deep Learning Approach for Early Detection of Pancreatic Adenocarcinoma from Patients Medical Histories  
**Authors:** *Mosbah Aouad, PhD; Pranav Dorbala, MD, PhD; Awais M. Farooq, MD; Steven W. Nevers, MD; Lusine Demirkhanyan, PhD; Christopher S Gondi, PhD; Bhrandon Harris, MD; Ravishankar K. Iyer, PhD*

## POSTER PRESENTATIONS – QUALITATIVE RESEARCH

- P16:** A Novel Socioeconomic Status Metric as a Predictor of Access to Rehabilitation Service  
**Authors:** *Barbara Mera, MS; Lucas Paladino, MD; Apurva S. Choubey, MD; Brett Drake, BS; Mark H. Gonzalez, MD, PhD*
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- P17:** Benefits of Algorithmic MCL Pie-Crusting During Total Knee Arthroplasty  
**Authors:** *Barbara Mera, MS; Arash Rezaei MD, PhD; Apurva Choubey, MD; Brett Drake, BS; Asher Lichtig, MD; Nicole Tueni, PhD; Sunjung Kim, PhD; Hristo Pipinov, MD; Joseph Karam, MD; Jason Koh, MD; Farid Amirouche, PhD*
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- P18:** Decreasing Medical Jargon on Family-Centered Rounds through Educational Interventions to Improve Patient & Family Understanding  
**Author:** *Rawan Musaitif, MD*
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- P19:** Solutions for Facilitating Communication with Children and Adult Patients with Special Needs  
**Authors:** *Jessica Hanks, MD; Matt Mischler, MD; Ashley Hughes, PhD, MS; Kyle Formella, MS; Safura Sultana, MBA; Ryan Klute, MS; Connor Flynn, BS; Allison Wallenfang, BS; Yoonje Cho, BS; Lidia Barraza, BS; Masah Mourad, BS; Divya Krishnakumar, BS*
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- P20:** Pain Management for IUD Insertion: A look Into Current Recommendations and Discrepancies in Clinical Practice  
**Authors:** *Wanjiku Grace Githere, M1; Hawarit Jemal Mohammed, M1; Eilidh O'Brien, M1; Andrea Ouyang, M1; Anamika Sengupta, PhD, M.Ed*

# POSTER PRESENTATIONS – PROCESS IMPROVEMENT

**P21:** Minimum Bactericidal Exposure of 4% Chlorhexidine Gluconate (CHG) Liquid Antiseptic Soap

**Authors:** H Patel, MS, MLS (ASCP)<sup>CM</sup>; A Schultz, BS; C Phillips, PharmD, BCPS, BCCCP, CPPS; D Savickas, PharmD, BCIDP; *John Farrell, MD*

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**P22:** Food Insecurity Screening in a Resident-Based Federally Qualified Health Center

**Authors:** *Victoria LeBlanc, MD*; Liana Chidichimo, BS; Yoonje Cho, BS; Hannah Raj, BS; Mahek Javed; Zohra Moeenuddin, MD

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**P23:** Assessing the Influence of Specialized Pharmacist Education on Pediatric Cardiopulmonary Arrest: Prospective Interventional Investigation

**Authors:** *Maiya Sanderson, PharmD*; Summer Record, PharmD, BCPPS; Mackenzie O'Donohue, PharmD

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# POSTER PRESENTATIONS – CASE STUDY

**P24:** The Tachypneic Well-Appearing Infant: An Unusual Presentation of Anomalous Left Coronary Artery from the Pulmonary Artery

**Authors:** *Owen Brewer, MD*; Marc D. Squillante, DO

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**P25:** Pilot Study for Oral Health Professionals in Acute Care

**Author:** *Kristina Davis, MS, CCC-SLP*

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**P26:** Chest Tube Gone Too Far!

**Authors:** *Radhika Deshpande, MD*; Pablo Barzallo, MD; Sriviji Senthil, MD; Sudhir Mungee, MD

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**P27:** Endoscopic Ultrasound-Guided Drainage of Hepatic Fluid Collections: Insights from a Case Series

**Authors:** *Ankita Nekkanti, MD*; Harishankar Gopakumar, MD; Muhammad Asghar, MD; Manasa Kandula, MD; Srinivas Puli, MD

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**P28:** Importance of Capsule Endoscopy in Metastatic Melanoma of the Jejunum

**Authors:** *Navjit Singh, MD*; Mohammad Gareeb, MD; Yeshaswini Sreenivasa Reddy, MD; Imran Balouch, MD

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**P29:** Fever and Rash: When You Need a Sixth Sense for Diagnosis

**Authors:** *Neha Muthavarapu, MD*; Reem Saadoon, MD; Patricia Tran, MD, MS, FAAP

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**P30:** Not a Typical Aortic Regurgitation: A Bioprosthetic Valve Failure

**Authors:** Pablo Barzallo, MD; *Anup Patel, BS*; Dario Manley, MD; Radhika Deshpande, MD; Sriviji Senthil Kumaran, MD; Varun Vanka, MD; Keattiyot Wattanakit, MD

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**P31:** Erythema ab igne Rash as a Clue to Underlying Lung Cancer

**Authors:** *Fatima Nizamuddin, MA*; Yadav Manajyoti, MD



# POSTER PRESENTATIONS – PROCESS IMPROVEMENT

**P32:** Chronic Back Pain Turned Disseminated Coccidioidomycosis

**Authors:** *Oladoyin Jolaoye, MD, DO; Eugene Annor MD, MPH; Zita Erbowor-Becksen, MD; Rone Chun Lin, MD*

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**P33:** Impending Thyroid Storm in Uncontrolled Graves Disease with Cardiovascular Complications: A Case Report

**Authors:** *Eugene Annor MD, MPH; Oladoyin Jolaoye MD, DO; Zita Erbowor-Becksen, MD; Ahmer Razzaque, DO*



## IPCE CREDIT™

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